

1

2 **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

3

4 Serial No. .... Not Yet Assigned  
5 Filing Date ..... Herewith  
6 Inventorship ..... Chen  
7 Applicant ..... Microsoft Corporation  
Attorney's Docket No. ..... MS1-1969US  
Title: **Counterfeit and Tamper Resistant Labels with Randomly Occurring  
Features**

8

9 **INFORMATION DISCLOSURE STATEMENT**

10 *References -- See Attached Form PTO-1449*

11 **REMARKS**

12 The citations listed, non-patent references only are attached, are submitted  
13 in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner  
14 is requested to make these citations of official record in this application.

15

16 Respectfully Submitted,

17 Date: 2/27/04

18 By: Ramin Aghevli  
Ramin Aghevli  
Reg. No. 43,462

Please type a plus sign (+) inside this box →

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	Not Yet Assigned
				Filing Date	Not Yet Assigned
				First Named Inventor	Chen
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	MS1-1969US
Sheet	1	of	2		

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →  +

Substitute for form 1449B/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	Not Yet Assigned
		Filing Date	Not Yet Assigned
		First Named Inventor	Chen
		Group Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	MS1-1969US
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Rivest, R., "The MD5 Message-Digest Algorithm" MIT Laboratory for Computer Science and RSA Data Security, Inc., April 1992; 18 pages. <a href="http://www.faqs.org/rfcs/rfc1321.html">http://www.faqs.org/rfcs/rfc1321.html</a> .	
		Rivest, R. L., et al., "A Method for Obtaining Digital Signatures and Public-Key Cryptosystems"; 15 pages.	
		Pappu, R., et al., "Physical One-Way Functions"; <a href="http://www.sciencemag.org">www.sciencemag.org</a> , Vol. 297, September 20, 2002, pages 2026-2030.	
		"Counterfeit Deterrent Features for the Next-Generation Currency Design (1993)", National Materials Advisory Board (NMAB); Appendix E: Methods for Authentication of Unique Random Patterns . . . , pages 117-120.	
		"Counterfeit Deterrent Features for the Next-Generation Currency Design (1993)"; National Materials Advisory Board (NMAB); 4 Description and Assessment of Deterrent Features, pp. 39-86.	

<b>Examiner Signature</b>		<b>Date Considered</b>	
-------------------------------	--	----------------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.